

**FIG.1**  
**PRIOR ART**

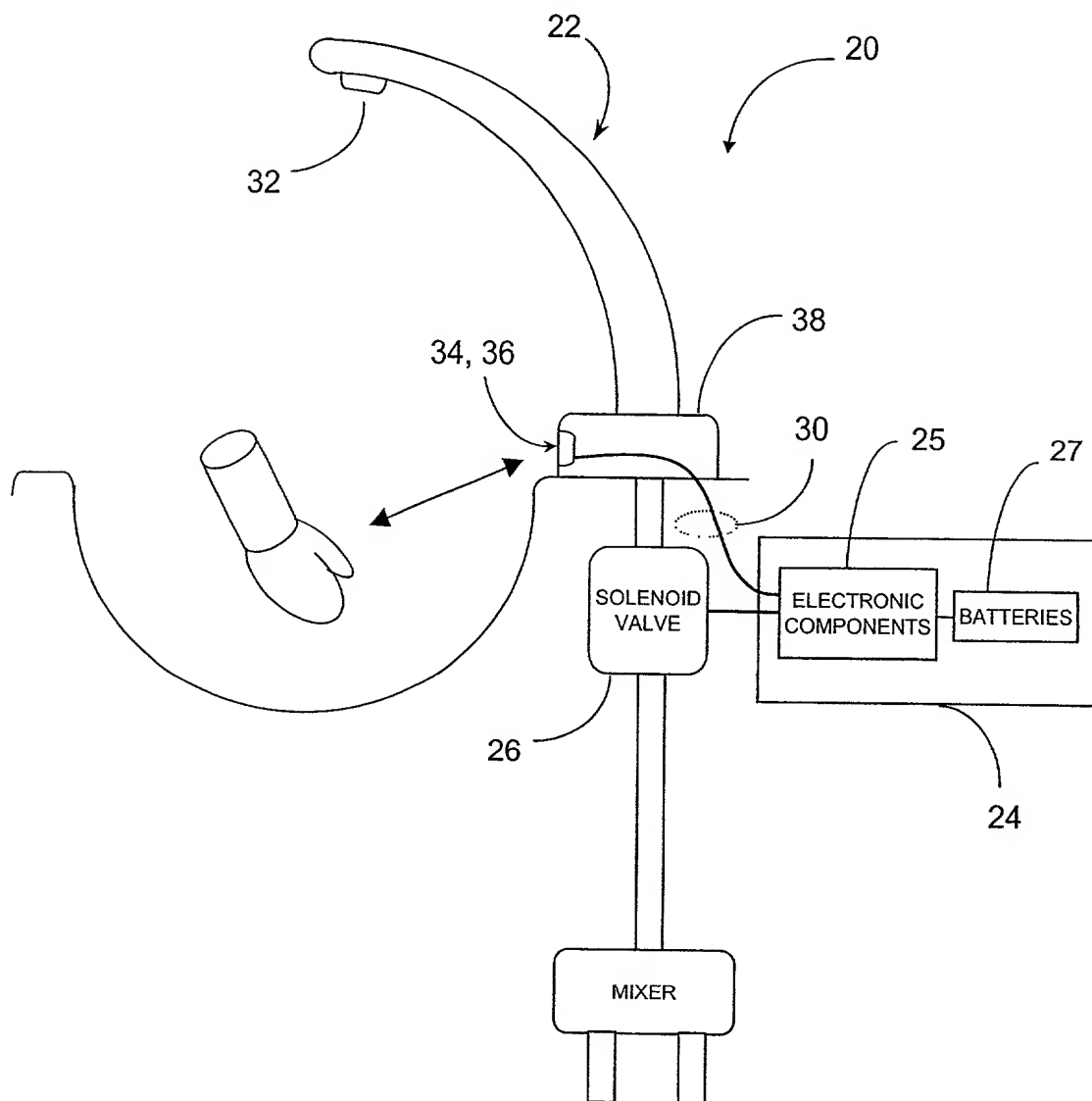


FIG. 2

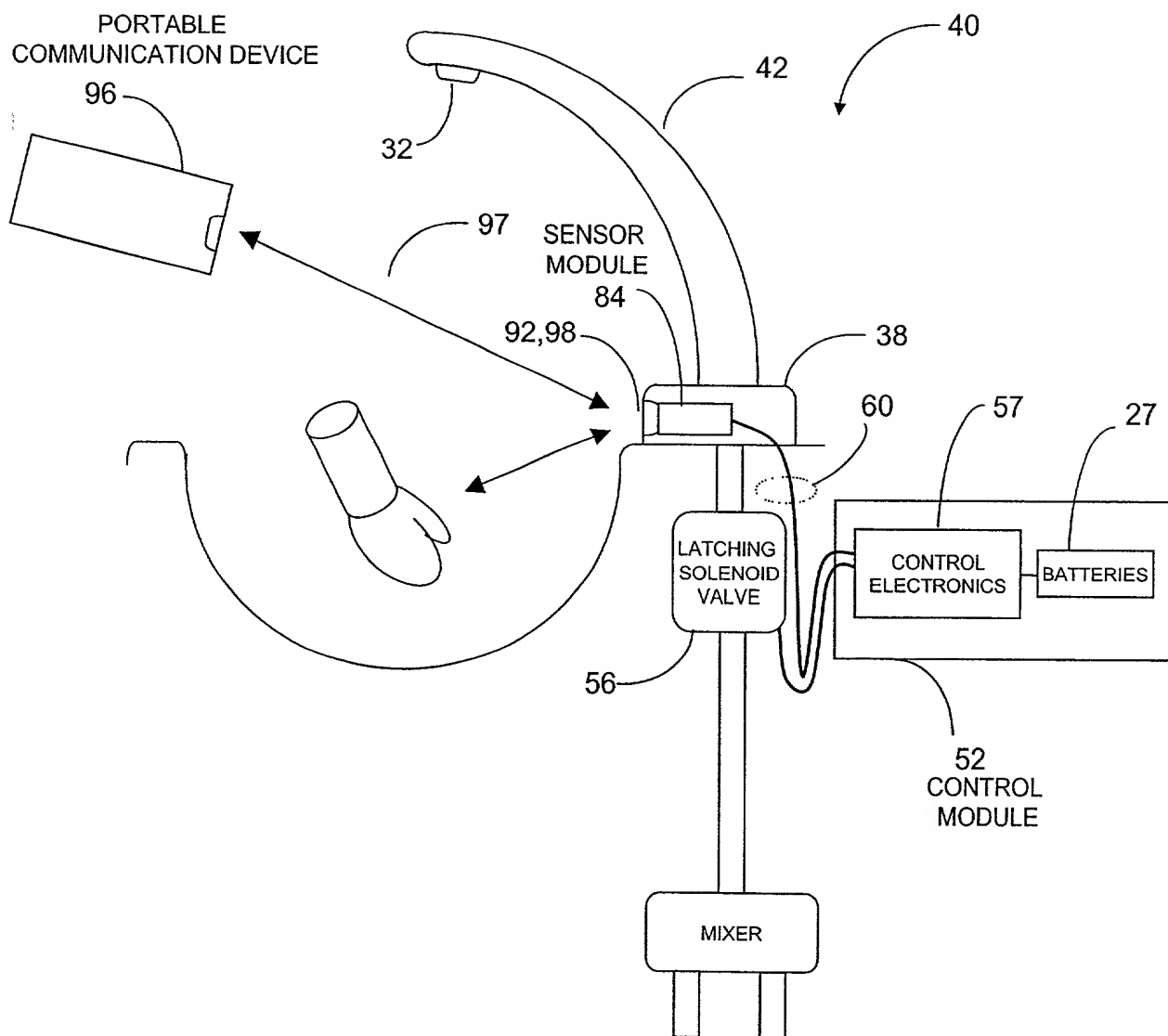
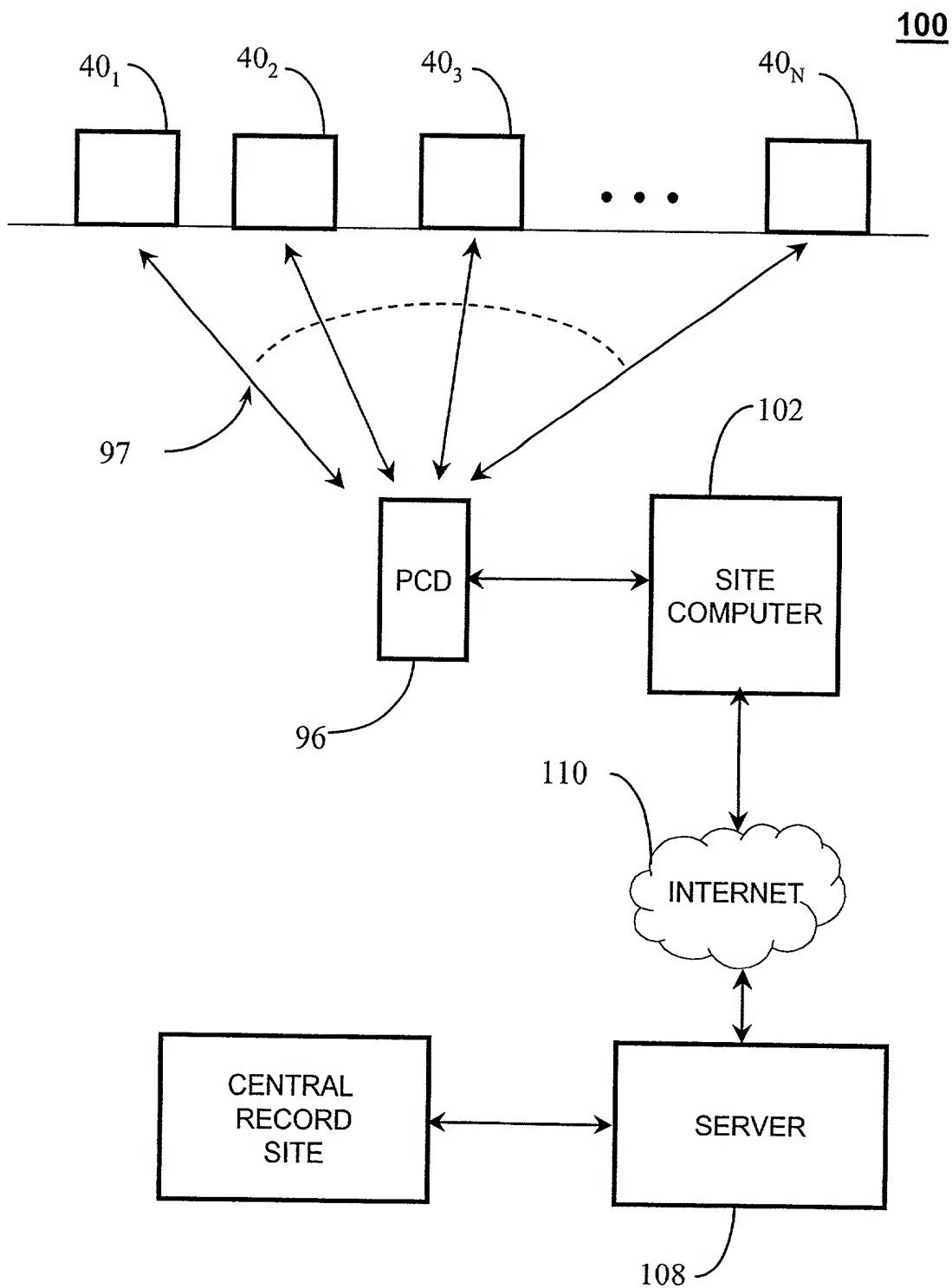
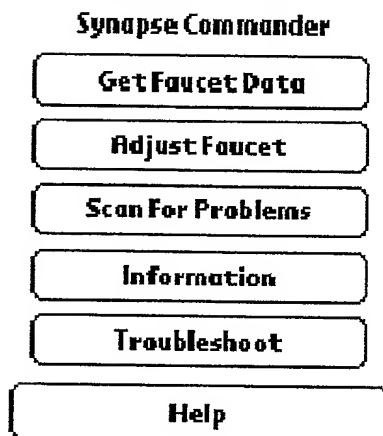


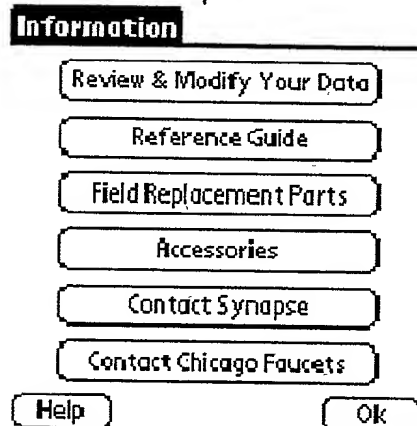
FIG. 3



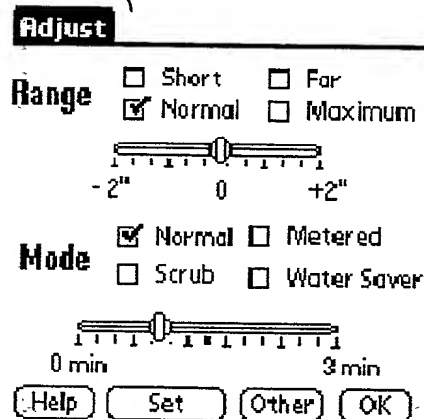
112 **FIG. 4a**



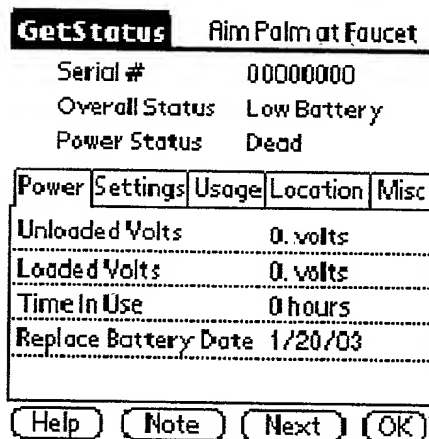
114 **FIG. 4b**



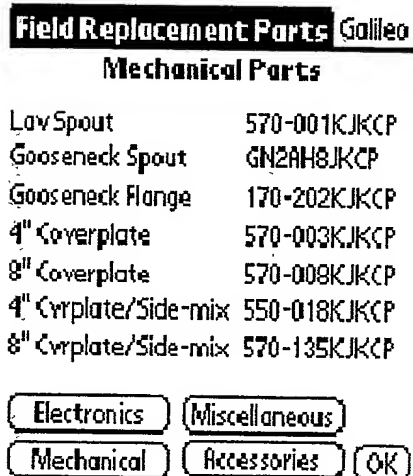
115 **FIG. 4c**



**FIG. 4d**



**FIG. 4e**



**FIG. 4f**

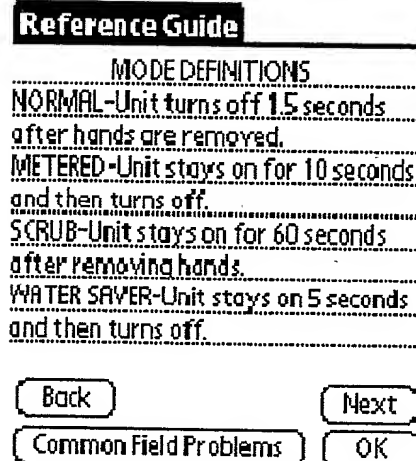


FIG. 5

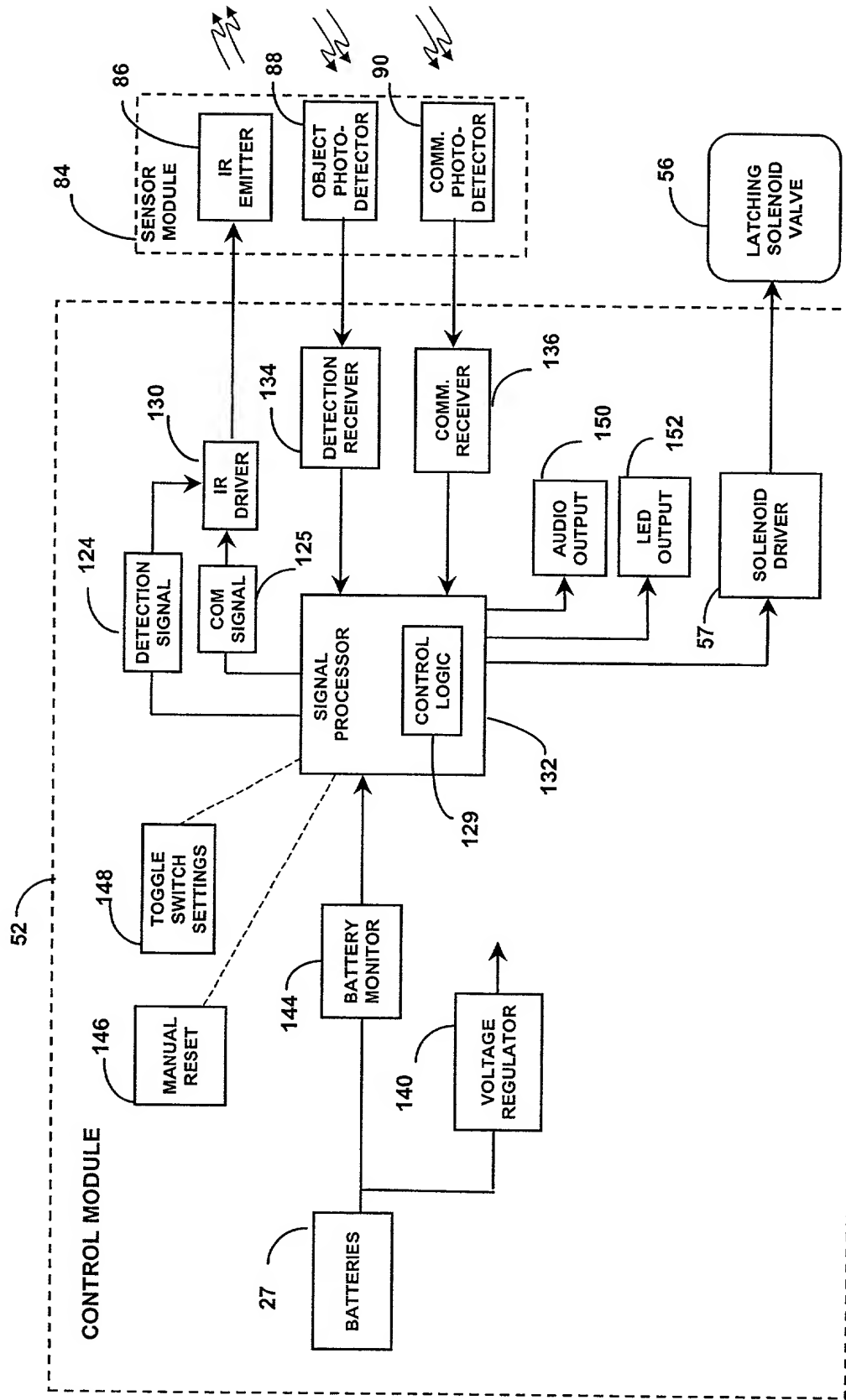


FIG. 6

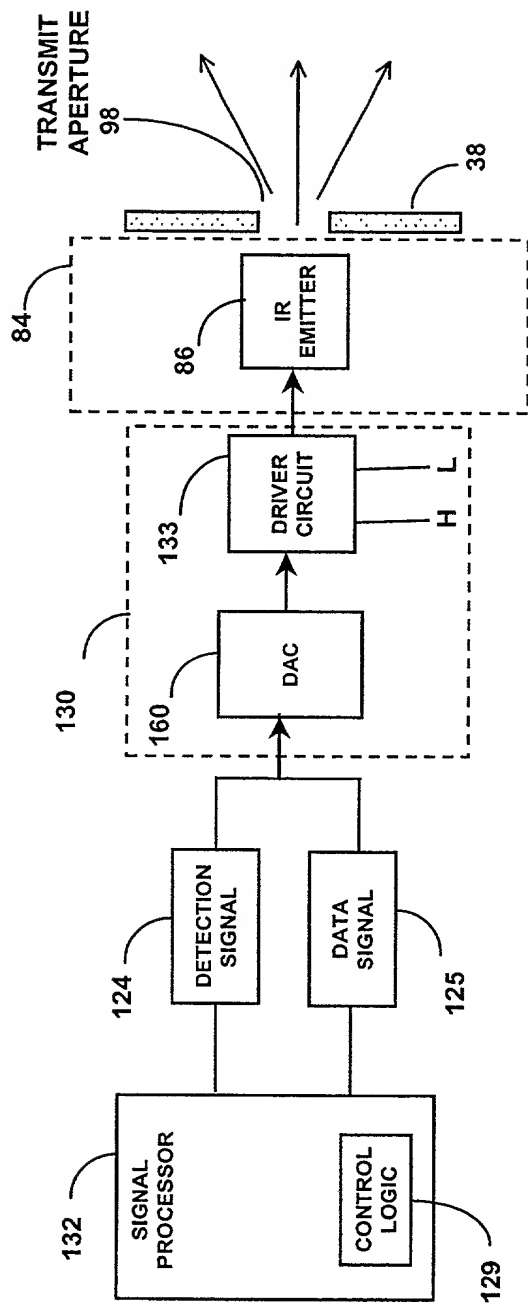


FIG. 7

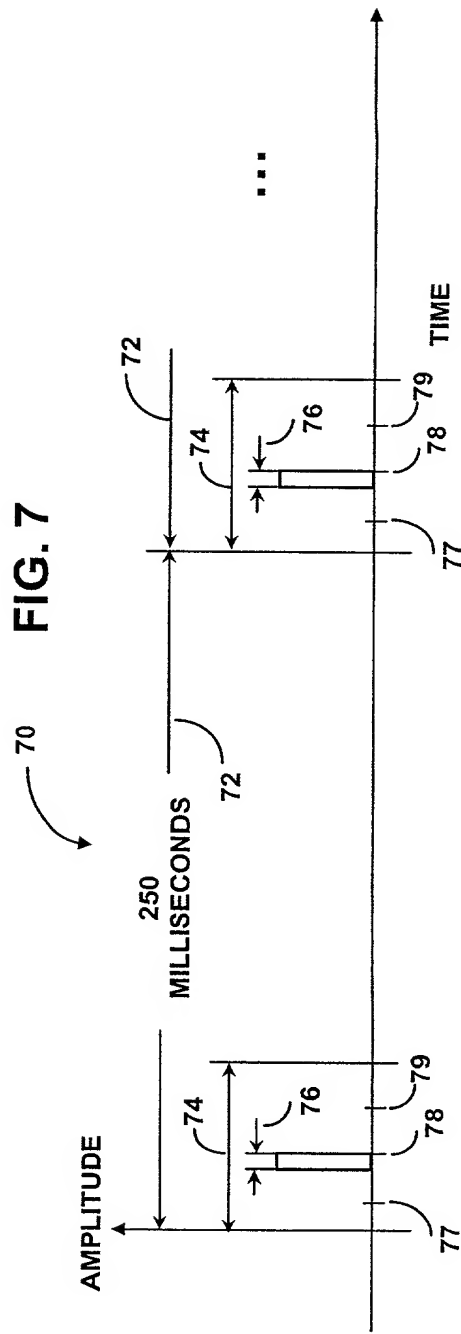


FIG. 8

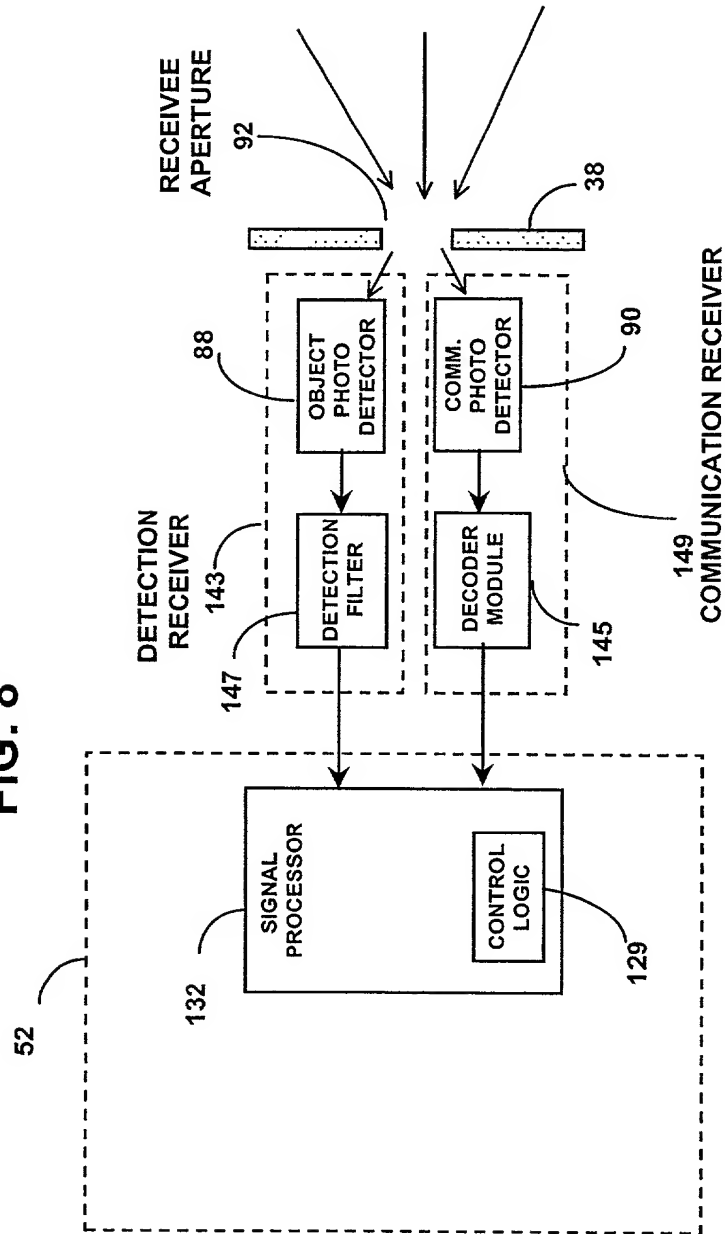
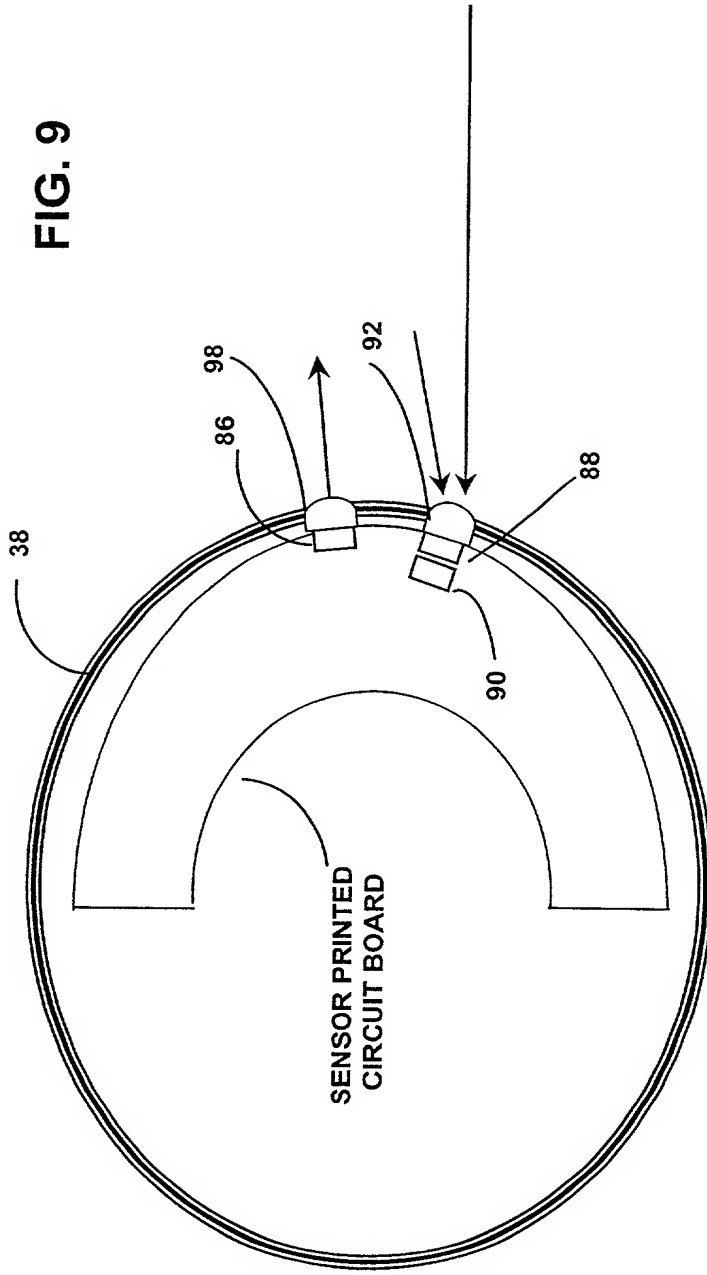


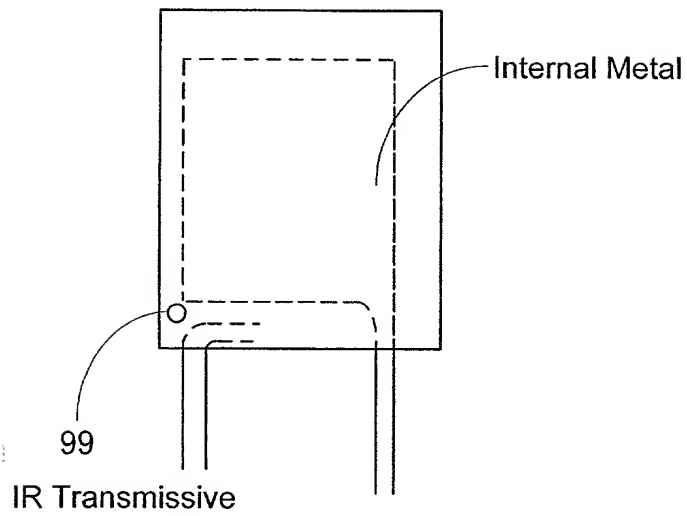
FIG. 9 is a schematic diagram of a sensor circuit board 38 in a cross-sectional view. The sensor circuit board 38 is shown as a circular board with a central opening. The board is divided into two main sections by a vertical line. The left section is labeled 86 and the right section is labeled 88. A central opening is labeled 90. A line 92 points to the central opening. A line 98 points to the left section 86. A line 88 points to the right section 88. A line 90 points to the central opening 90. A line 38 points to the sensor circuit board 38. A line 92 points to the central opening 90. A line 98 points to the left section 86. A line 88 points to the right section 88. A line 90 points to the central opening 90.

FIG. 9

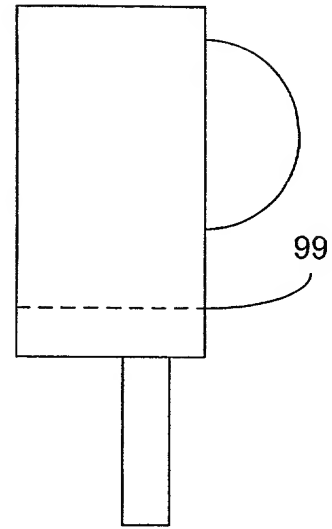




**FIG. 10a**



**FIG. 10b**



**FIG. 10c**

